

Abstract Of The Disclosure

5 The measuring sensor, particularly a lambda probe, has a
ceramic sensor member retained at a high temperature
during measuring operation. It is shielded from water
droplets, carried along in the gas to be analyzed, by a
heated protective housing, permeable for the gas to be
analyzed, by which water droplets carried along in the
10 direction of the sensor member are evaporated before
reaching the sensor member. In this way, the water
droplets are unable to cause any shock-like temperature
drops at spots on the surface of the sensor member or
material flaking.